

# MAHAVIR TRADING CO

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## TECHNICAL SPECIFICATION OF PIGMENT RED 8

**GENERAL DESCRIPTION :** Pigment Red F4R (YN) is a light mass tone, yellowish tone soap fast red pigment with all round good fastness properties, particularly suitable for paste ink applications.

### PRODUCT DESCRIPTION

NAME: PIGMENT RED F4R	CAS NO. : 6410-30-6
CODE NO. : 4081	EINECS NO:229-100-4
CI NAME : PIGMENT RED 8	CHEIMCAL CLASS : MONO AZO RED NAPHTHOL AS RANGE
CI NO. : 12335	CHEMICAL TYPE : ORGANIC

### PHYSICAL & CHEMICAL PROPERTY

APPEARANCE : RED COLOUR POWDER	MOSITUR CONTENT: 0.5% MAX
DENSITY: 1.7 gm/cc	WATER SOLUBLE : 1% MAX
pH OF AQUEOUS SOLUTION: 7.0	OIL ABSORPTION: 50 CC
SPECIFIC GRAVITY: 1.5	SIEVE RESIDUE: 1% MAX (350 MESH)

### SOLVENT RESISTANCE (1-5 SCALE : 1 – POOR 5 - EXCELLENT)

Water : 5	Acetone : 4
Linseed Oil: 4	Ethanol : 2-3
Butanol : 2-3	MEK:2-3
Xylene: 3	MTO : 4
Butyl Acetate: 3	5% Soap SOLn : 2
ALKALLI RESISTANCE : 4	ACID RESISTANCE :4

### LIGHT FASTNESS : ( 1 - 8 Scale : 1 very low - 8 Outstanding)

FULL SHADE : 6

REDUCE SHADE : 5

### HEAT RESISTANCE

A 160 CENTI FOR 10 MIN : STABLE

B 180 CENTI FOR 5 MIN : DARKER

### APPLICATION

INK	OFFSET, POLYAMIDE, VINYL, PU, NC, HDPE,SCREEN,WATER BASE
PAINT	ALKYD, EPOXY, NC, WATER BASE
TEXTILE	WATER BASE EMULSION

